

OGOSH19USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:)	
)	Examiner:
Okabe et al.)	
)	Group Art Unit:
Application No.:)	
)	
Corresponding International Filing No.:)	
PCT/JP02/12697)	
)	
Filed: Herewith)	
)	
For: COPPER ALLOY SPUTTERING)	
TARGET AND METHOD FOR)	
MANUFACTURING THE)	
TARGET)	

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

VERIFICATION OF TRANSLATION

Sir:

I, Isamu Ogoshi, having been warned that willful false statements and the like are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code, and may jeopardize the validity of the above-captioned application and any patent issuing thereon, declare:

(1) I am a patent attorney authorized to practice law in Japan and am engaged in the practice of law with OGOSHI International Patent Office at Toranomom 9 Mori Bldg. 3F, 2-2, Atago 1-Chome, Minato-ku, Tokyo 105-0002, Japan.

(2) I am fluent in the Japanese and English Languages.

(3) I have reviewed the attached translation, and certify that it is an accurate English translation of the Japanese language international application of Takeo Okabe and Hirohito Miyashita filed on December 4, 2002 and given International Application No. PCT/JP02/12697.

(4) All of the statements made herein of my own knowledge are true and all statements made herein on information and belief are believed to be true.

Date

Isamu Ogoshi

Table 4

Cu-0.5wt%Al (Corresponds to Example 2-1)

	1	2	3	4	4-5	4-6	4-7	4-8	4-9
(111)	21421	16109	17788	24298	24298 23122	24298 21366	24298 19688	24298 21223	24298 19883
(200)	9024	8697	7570	8466	8466 8326	8466 7366	8466 6398	8466 8011	8466 6759
(220)	3107	5249	3713	2850	2850 6216	2850 4469	2850 2964	2850 2633	2850 3987
(311)	3970	3266	3690	3700	3700 3169	3700 3322	3700 3126	3700 3770	3700 3445
(111)/(200)	2.37	1.85	2.35	2.87	2.87 2.78	2.87 2.90	2.87 3.08	2.87 2.65	2.87 2.94

Cu-1wt%Al (Corresponds to Example 2-2)

	1	2	3	4	5	6	7	8	9
(111)	29341	27830	26552	30444	22078	25913	25215	26319	31025
(200)	12085	11620	11271	12027	13537	12550	13131	11388	12027
(220)	10458	11330	14816	9528	15687	14176	14525	14467	9703
(311)	6217	7321	5520	6101	6798	5403	5229	5926	5345
(111)/(200)	2.43	2.40	2.36	2.53	1.63	2.06	1.92	2.31	2.58

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